PRIMERGY CX2550 M2
The PRIMERGY CX2550 M2 is a compact server node enabling highest computing density with four independent servers in 2U. It is ideal for high performance computing, hosting, and hyper-converged stacks as well as in dedicated Big Data environments. Combined in a PRIMERGY CX400 M1 multi-node system the servers provide an aggregated scale-out performance of a total of 8 CPUs of the latest Intel® Xeon® processor E5-2600 v4 product family, 64 DDR4 memory DIMMs and up to 24 storage drives in a condensed 2 U rack enclosure. With a huge performance potential, high energy efficiency and at the same time attractive investment costs the PRIMERGY CX2550 M2 provides great versatility to match even ambitious workloads.
Features & Benefits

<table>
<thead>
<tr>
<th>Main Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High-end HPC server nodes</strong></td>
<td>50% less rack space used as compared to equivalent standard rack servers. Higher server density results in more performance per rack unit.</td>
</tr>
<tr>
<td>Four PRIMERGY CX2550 M2 server nodes, each with two processors, 16 DDR4 memory DIMMs, and up to six local storage drives can be smartly packaged into a condensed 2U rack enclosure.</td>
<td></td>
</tr>
<tr>
<td><strong>Latest technology</strong></td>
<td>Boost your general computing performance by up to 38% compared to the previous generation.</td>
</tr>
<tr>
<td>Up to two Intel® Xeon® processor E5-2600 v4 product family with up to 22 cores and 55 MB cache, advanced Turbo Boost 2.0 technology, Hyper Threading, two accelerated QPI links and internal Memory Management Unit.</td>
<td>The new DDR4 memory technology provides higher performance with lower power requirements.</td>
</tr>
<tr>
<td>16 DIMMs per server node with up to 1,024 GB DDR4 memory and up to 2,400 MHz DRAM bandwidth.</td>
<td>Each additional degree in the data center means approximately 5-6 percent less energy costs for air-conditioning.</td>
</tr>
<tr>
<td>Cool-safe® Advanced Thermal Design enables operation in a higher ambient temperature.</td>
<td></td>
</tr>
<tr>
<td><strong>Shared infrastructure &amp; easy serviceability</strong></td>
<td>Decreased energy consumption, lower investment, yet still redundant operation. Lower energy budgets for a comparable performance as with standard rack servers.</td>
</tr>
<tr>
<td>Server nodes share central cooling fans and hot-plug power supplies in the 2U PRIMERGY CX400 M1 chassis.</td>
<td>Each single server can be serviced without affecting the other nodes in the chassis. Redundancy for shared components provides uniform higher availability.</td>
</tr>
<tr>
<td>Hot-plug for server nodes, power supplies and disk drives enable enhanced availability and easy serviceability.</td>
<td></td>
</tr>
<tr>
<td><strong>Optional liquid cooling solution</strong></td>
<td>Helps to reduce data center cooling costs by over 50% and leads to less power draw of servers.</td>
</tr>
<tr>
<td>The optional direct-to-chip hot water (40 °C / 105 °F) based Cool-Central® Liquid Cooling captures between 60-80% of the servers heat.</td>
<td>Allows for 2.5-5x higher data center density to realise even ambitious projects.</td>
</tr>
<tr>
<td>Removes heat directly from CPUs and memory modules within the server, eliminating the need to cool these components.</td>
<td></td>
</tr>
</tbody>
</table>
# Technical details

## PRIMERGY CX2550 M2

<table>
<thead>
<tr>
<th>Base unit</th>
<th>PRIMERGY CX2550 M2 air cooling</th>
<th>PRIMERGY CX2550 M2 liquid cooling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing types</td>
<td>Air-cooled node</td>
<td>Liquid-cooled node</td>
</tr>
<tr>
<td>Product Type</td>
<td>Dual Socket 1U Server Node</td>
<td>Dual Socket 1U Server Node</td>
</tr>
</tbody>
</table>

## Mainboard

<table>
<thead>
<tr>
<th>Mainboard type</th>
<th>D 3343</th>
</tr>
</thead>
</table>

| Chipset                       | Intel® C610                     |

## Processor quantity and type

2 x Intel® Xeon® processor E5-2600 v4 product family

## Processor

- Intel® Xeon® processor E5-2699v4 (22C/44T, 2.20 GHz, up to 2.8 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2699Av4 (22C/44T, 2.40 GHz, up to 3.0 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2698v4 (20C/40T, 2.20 GHz, up to 2.7 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2697v4 (18C/36T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2697Av4 (16C/32T, 2.60 GHz, up to 3.1 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2695v4 (18C/36T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2690v4 (14C/28T, 2.60 GHz, up to 3.2 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2687Wv4 (12C/24T, 3.00 GHz, up to 3.2 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2683v4 (16C/32T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2680v4 (14C/28T, 2.40 GHz, up to 2.9 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2667v4 (8C/16T, 3.20 GHz, up to 3.5 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2660v4 (14C/28T, 2.00 GHz, up to 2.4 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2650v4 (12C/24T, 2.20 GHz, up to 2.5 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2650Lv4 (14C/28T, 1.70 GHz, up to 2.0 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2643v4 (6C/12T, 3.40 GHz, up to 3.6 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2640v4 (10C/20T, 2.40 GHz, up to 2.6 GHz, 8.0 GT/s)
- Intel® Xeon® processor E5-2637v4 (4C/8T, 3.50 GHz, up to 3.6 GHz, 9.6 GT/s)
- Intel® Xeon® processor E5-2630v4 (10C/20T, 2.20 GHz, up to 2.4 GHz, 8.0 GT/s)
- Intel® Xeon® processor E5-2630Lv4 (10C/20T, 1.80 GHz, up to 2.0 GHz, 8.0 GT/s)
- Intel® Xeon® processor E5-2623v4 (4C/8T, 2.60 GHz, up to 2.9 GHz, 8.0 GT/s)
- Intel® Xeon® processor E5-2620v4 (8C/16T, 2.10 GHz, up to 2.3 GHz, 8.0 GT/s)
- Intel® Xeon® processor E5-2609v4 (8C/16T, 1.70 GHz, 6.4 GT/s)
- Intel® Xeon® processor E5-2603v4 (6C/12T, 1.70 GHz, 6.4 GT/s)

## Memory slots

16 / 4 channels per CPU with 8 DIMMs per CPU = 16 DIMMs in total

## Memory capacity (min. - max.)

- 16 GB - 1024 GB

## Memory protection

- Advanced ECC
- SDDC

## Memory notes

- Supports R-DIMM, LR-DIMM

## Memory options

- 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 1Rx4
- 8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx8
- 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 1Rx4
- 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx4
- 16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx8
- 32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 2Rx4
- 64 GB (1 module(s) 64 GB) DDR4 3DS, registered, ECC, 2,400 MHz, PC4-2400T-R, DIMM, 4Rx4
- 64 GB (1 module(s) 64 GB) DDR4, registered, ECC, 2,400 MHz, PC4-2400T-L, LR-DIMM, 4Rx4

## Upgrade notes

- 4x in CX400 M1
### Interfaces

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>USB 3.0 ports</td>
<td>2 x USB 3.0 (rear)</td>
</tr>
<tr>
<td>Graphics (15-pin)</td>
<td>1 x VGA (1x rear)</td>
</tr>
<tr>
<td>LAN / Ethernet (RJ-45)</td>
<td>3 / 2x Gbit/s Ethernet + 1x service LAN Onboard</td>
</tr>
<tr>
<td>Management LAN (RJ45)</td>
<td>Management LAN traffic can be switched to shared onboard Gbit LAN port</td>
</tr>
</tbody>
</table>

### Onboard or integrated Controller

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAID controller</td>
<td>RAID 0/1 for internal drives</td>
</tr>
<tr>
<td>SATA Controller</td>
<td>Intel® C610, for up to 6 x 2.5 inch SATA or SSD SW Raid 0/1</td>
</tr>
<tr>
<td>LAN Controller</td>
<td>2 x 10/100/1000 Mbit/s Ethernet (TCP/IP acceleration)</td>
</tr>
<tr>
<td>Remote management controller</td>
<td>Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible</td>
</tr>
</tbody>
</table>

### Slots

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCI-Express 3.0 x16</td>
<td>2 x (for low profile)</td>
</tr>
</tbody>
</table>

### Drive bays

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage drive bays</td>
<td>up to 6x 2.5-inch (in the PRIMERGY CX400 M1 chassis)</td>
</tr>
<tr>
<td>Storage drive bay configuration</td>
<td>depending on hardware configuration</td>
</tr>
</tbody>
</table>

### General system information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of fans</td>
<td>0</td>
</tr>
<tr>
<td>Fan configuration</td>
<td>Centralized non hot plug fans part of CX400 Chassis</td>
</tr>
</tbody>
</table>

### Operating panel

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating buttons</td>
<td>On/off switch</td>
</tr>
<tr>
<td></td>
<td>ID button</td>
</tr>
<tr>
<td>Status LEDs</td>
<td>Power (green)</td>
</tr>
<tr>
<td></td>
<td>System status (orange)</td>
</tr>
<tr>
<td></td>
<td>LAN speed (green / yellow)</td>
</tr>
<tr>
<td></td>
<td>LAN connection (green)</td>
</tr>
<tr>
<td></td>
<td>Identification (blue)</td>
</tr>
</tbody>
</table>

### BIOS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS features</td>
<td>UEFI compliant</td>
</tr>
<tr>
<td></td>
<td>Legacy BIOS compatibility customer configuration option</td>
</tr>
<tr>
<td></td>
<td>Secure boot support</td>
</tr>
<tr>
<td></td>
<td>ROM based setup utility</td>
</tr>
<tr>
<td></td>
<td>GPT support for boot drives larger than 2.2 TB</td>
</tr>
<tr>
<td></td>
<td>IPMI support</td>
</tr>
<tr>
<td></td>
<td>Recovery BIOS</td>
</tr>
<tr>
<td></td>
<td>BIOS settings save and restore</td>
</tr>
<tr>
<td></td>
<td>Local BIOS update from USB device</td>
</tr>
<tr>
<td></td>
<td>Online update tools for main Linux versions</td>
</tr>
<tr>
<td></td>
<td>Local and remote update via ServerView Update Manager</td>
</tr>
<tr>
<td></td>
<td>IPv4/IPv6 remote PXE &amp; iSCSI boot support</td>
</tr>
</tbody>
</table>

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**Data Sheet Fujitsu PRIMERGY CX2550 M2 PRIMERGY Cloud Servers**

**http://www.fujitsu.com/PRIMERGY**
Operating Systems and Virtualization Software

<table>
<thead>
<tr>
<th>Certified or supported operating systems and virtualization software</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hyper-V Server 2016</td>
</tr>
<tr>
<td>Windows Server 2016 Datacenter</td>
</tr>
<tr>
<td>Windows Server 2016 Standard</td>
</tr>
<tr>
<td>Windows Server 2016 Essentials</td>
</tr>
<tr>
<td>Windows Storage Server 2016 Standard</td>
</tr>
<tr>
<td>Windows Server Datacenter, version 1709</td>
</tr>
<tr>
<td>Hyper-V Server 2012 R2</td>
</tr>
<tr>
<td>Windows Server 2012 R2 Datacenter</td>
</tr>
<tr>
<td>Windows Server 2012 R2 Standard</td>
</tr>
<tr>
<td>Windows Server 2012 R2 Essentials</td>
</tr>
<tr>
<td>Windows Storage Server 2012 R2 Standard</td>
</tr>
<tr>
<td>VMware vSphere™ 6.5</td>
</tr>
<tr>
<td>VMware vSphere™ 6.7</td>
</tr>
<tr>
<td>VMware vSphere™ 6.0</td>
</tr>
<tr>
<td>VMware vSphere™ 5.5</td>
</tr>
<tr>
<td>SUSE® Linux Enterprise Server 12</td>
</tr>
<tr>
<td>SUSE® Linux Enterprise Server 11</td>
</tr>
<tr>
<td>Red Hat® Enterprise Linux 7</td>
</tr>
<tr>
<td>Red Hat® Enterprise Linux 6</td>
</tr>
<tr>
<td>Citrix® XenServer®</td>
</tr>
<tr>
<td>Oracle® VM 3</td>
</tr>
</tbody>
</table>

Operating system notes

Operating system release link: http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473

Dimensions

Weight

5 kg

Node size

1 U half wide (W175.5 x D520 x H40.8 mm)

Environment

Operating ambient temperature

5 - 40 °C (41 - 104 °F)

Operating relative humidity

10 - 85 % (non condensing)

Temperature and humidity notes

Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. For detailed information see relevant system configurator.

Maximum altitude

3,000 m

Operating environment

FTS 04230 – Guideline for Data Center (installation specification)


Compliance

Global

CB
RoHS (Substance limitations in accordance with global RoHS regulations)
WEEE (Waste electrical and electronical equipment)
IEC 60950

Europe

CE Class A *
EN 60950 - 1
EN 50371
EN 55022
EN 61000-3-3
EN 55024

USA/Canada

UL/CSA
ICE 003 / NMB-003 Class A

Japan

VCCI Class A

Taiwan

CNS 13436
CNS 13438 class A

Compliance link: https://sp.ts.fujitsu.com/sites/certificates
## Compliance

**Compliance notes**

There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.

*Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.*

## Components

### Hard disk drives

- **HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical**
- **HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical**
- **HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical**
- **HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical**

### Hard disk drives

- **HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise**
- **HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise**
- **HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise**
- **HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise**

### Solid-State-Drive

- **SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)**
- **SSD SATA, 6 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)**
- **SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 2 DWPD (drive writes per day for 5 years)**
- **SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 2 DWPD (drive writes per day for 5 years)**
- **SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)**

### Solid-State-Drive

- **SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)**
- **SSD SATA, 6 Gb/s, 200 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)**

### Solid-State-Drive

- **SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)**
- **SSD SATA, 6 Gb/s, 200 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)**
Solid-State-Drive
SSD SATA, 6 Gb/s, 120 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 1.6 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.2 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 1.2 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 2.3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
PCIe SSD & SATA DOM SSD
DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.13 DWPD (Drive Writes Per Day for 5 years)
DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.054 DWPD (drive writes per day for 5 years)
PCIe SSD & SATA DOM SSD
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.384 TBW (based on JEDEC 218)
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.14 DWPD (Drive Writes Per Day for 5 years)
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.054 DWPD (drive writes per day for 5 years)
SCSI / SAS Controller
LSI PSAS CP400e LP SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8
Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
RAID Controller
Fujitsu PRAID EP420i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
Fujitsu PRAID EP420i for SafeStore, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
Fujitsu PRAID EP400i, RAID 5/6 Ctrl., SAS/SATA/PCIe-NVMe 12 Gbit/s, 16 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU based on LSI SAS3108
Fujitsu PRAID CP400i, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 1E, 10, 5, 50, No FBU support
### Fibre Channel controller
- Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style
- Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style
- Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style
- Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Emulex LPe12002 MMF LC-style
- Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Cavium QLE2742 MMF LC-style
- Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPe32002-M6-F MMF LC-style
- Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe16002B LC-style
- Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2672 LC-style
- Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2692 LC-style
- Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-MMF LC-style

### Communication, Network
- Converged Network Adapter 1 x 40 Gbit/s PCIe 3.0 x8 QSFP+ (Emulex)
- Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)
- Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)

### Communication, Network
- Ethernet Ctrl. 2 x 10 Gbit/s ; 1 Gbit/s PCIe 2.0 x8 SFP+ (Fujitsu)
- Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x8 Rj45  (Intel®)
- Converged Network Adapter 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ (Emulex)
- Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ (Emulex)
- Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 10Gbit/s Eth (RJ45) (Emulex)
- Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)
- Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Intel®)
- Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
- Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
- InfiniBand HCA 1 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)
- InfiniBand HCA 1 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)
- InfiniBand HCA 2 x 40 Gbit/s PCIe 2.0 x8 QSFP (Intel®)
- InfiniBand HCA 2 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed (Mellanox)
- InfiniBand HCA 2 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)
- Omni Path 1 x PCIe 3.0 x16 (Intel®)

### Warranty
| Warranty period | 3 years |
| Warranty type   | Onsite warranty |

### Product Related Services - the perfect extension

#### Recommended Service
- 24x7, Onsite Response Time: 4h - For locations outside of EMEIA please contact your local Fujitsu partner.

#### Service Weblink
http://ts.fujitsu.com/Supportservice
More information

Fujitsu platform solutions
In addition to Fujitsu PRIMERGY CX2550 M2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

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http://www.fujitsu.com/PRIMERGY

Fujitsu green policy innovation

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